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Honorable Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Attorney for Applicant

Date: 13 October 2004

PATENT
Attorney Docket No.: DB001096-000

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 10/766,611
Applicant : Swanson et al.
Filed : 28 January 2004
Titled : PROVIDING MEMORY TEST PATTERNS FOR DLL
CALIBRATION
Art Unit : 2181
Examiner : Not Yet Assigned
Atty Docket No. : DB001096-000

To: Honorable Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

ASSOCIATE POWER OF ATTORNEY

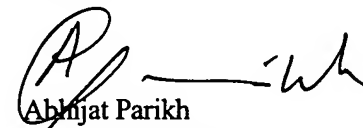
I hereby appoint Michael L. Lynch, Registration No. 30,871 as my associate in this matter with full power of substitution and revocation, to prosecute this matter and to transact all business in the United States Patent and Trademark Office in connection therewith, to appeal in case of an adverse decision, as he may deem advisable, and generally to do all matters and things needful in the premises as fully and to all intents and purposes as I could do.

Please continue to send all correspondence in this matter to:

**Abhijat Parikh
Thorp, Reed & Armstrong, LLP
One Oxford Centre, 14th Floor
301 Grant Street
Pittsburgh, PA 15219-1425.**

A return postcard is also enclosed. Please date stamp and mail the postcard to acknowledge receipt of this correspondence.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Abhinav Parikh', is written over the printed name.

Abhinav Parikh

Reg. No. 49,086

THORP, REED & ARMSTRONG, LLP

One Oxford Centre, 14th Floor

301 Grant St.

Pittsburgh, PA 15219-1425

(412) 394-2478

Dated: 13 October 2004

Attorneys for Applicant